

Rec'd PCT/PTO 21 OCT 2004

512, 044

(T2) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number
WO 03/090189 A1

- (51) International Patent Classification⁷: G09F 11/02 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/IL03/00329
- (22) International Filing Date: 22 April 2003 (22.04.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/374,204 22 April 2002 (22.04.2002) US
- (71) Applicant (*for all designated States except US*): RENDEL, Zohar [IL/IL]; Rimalt Elimelech 9, Lev HaPark, 43730 Raanana (IL).
- (71) Applicant and
- (72) Inventor: ZUKOV, Oleg [IL/IL]; 68 Derech Lev HaSharon, 42823 Tzoran (IL).
- (74) Agent: LANGER, Edward; SHIBOLETH, YISRAELI; ROBERTS, ZISMAN & CO., 46 MONTEFIORE ST, 65201 TEL-AVIV (IL).

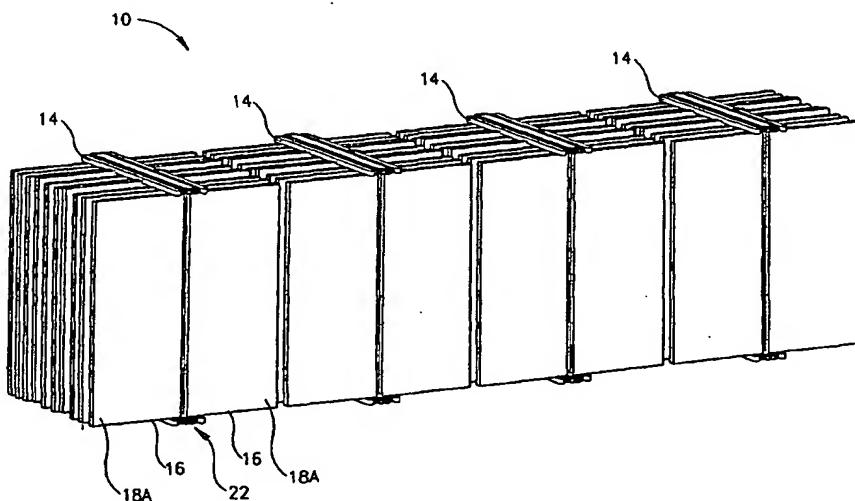
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTI-PICTURE LOUVERED ADVERTISING SIGN APPARATUS AND METHOD



WO 03/090189 A1

(57) **Abstract:** A multi-picture louvered advertising sign (10), using sign louvers (16) that move around individual tracks (14) in electromechanical synchronization. The synchronization mechanism utilizes sensors and a transmission mechanism that operates in response to control commands, such that the louvers come into an exposed position, at which point they temporarily rest, providing the required display. In sequential fashion, other louvers on the track are moved into the exposed position, so that the display is constantly updated. In a typical construction, each track has twenty louvers, with the faces of the louvers oriented generally perpendicular to the track that they traverse. Thus, per the louver mounting orientation of the present invention, an increase may be achieved over the prior art in the number of pictures that can be displayed. A recurring sequence may present animation of a set of still images.